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| APPLICATION NO.                                                 | FILING DATE     | FIRST NAMED INVENTOR    | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
|-----------------------------------------------------------------|-----------------|-------------------------|---------------------|------------------|--|
| 10/830,084                                                      | 04/23/2004      | Heung-eup Jeong         | 1349.1369           | 7671             |  |
| 21171                                                           | 7590 06/08/2006 |                         | EXAM                | EXAMINER         |  |
| STAAS & HALSEY LLP                                              |                 |                         | GLEITZ, RYAN M      |                  |  |
| SUITE 700<br>1201 NEW YORK AVENUE, N.W.<br>WASHINGTON, DC 20005 |                 | ART UNIT                | PAPER NUMBER        |                  |  |
|                                                                 |                 |                         | 2852                |                  |  |
|                                                                 |                 | DATE MAILED: 06/08/2006 |                     |                  |  |

Please find below and/or attached an Office communication concerning this application or proceeding.



## **Advisory Action**

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/830,084      | JEONG ET AL. |  |
| Examiner        | Art Unit     |  |
| Ryan Gleitz     | 2852         |  |

| Refere the Filing of an Annual Briof                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                 |                                             |                       |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------|-----------------------|--|--|--|--|
| Before the Filing of an Appeal Brief                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examiner                                                                        | Art Unit                                    |                       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ryan Gleitz                                                                     | 2852                                        |                       |  |  |  |  |
| The MAILING DATE of this communication appe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ars on the cover sheet with the c                                               | orrespondence add                           | lress                 |  |  |  |  |
| THE REPLY FILED 26 May 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                             |                       |  |  |  |  |
| The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:                                                                                                                                                                                                                                     |                                                                                 |                                             |                       |  |  |  |  |
| a) The period for reply expiresmonths from the mailing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                 | in the final rejection, wh                  | nichever is later. In |  |  |  |  |
| b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN                                                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                             |                       |  |  |  |  |
| TWO MONTHS OF THE FINAL REJECTION. See MPÉP 706.07(f).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  NOTICE OF APPEAL |                                                                                 |                                             |                       |  |  |  |  |
| 2. The Notice of Appeal was filed on A brief in comp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | pliance with 37 CFR 41.37 must be                                               | filed within two mont                       | hs of the date of     |  |  |  |  |
| filing the Notice of Appeal (37 CFR 41.37(a)), or any exte<br>a Notice of Appeal has been filed, any reply must be filed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ension tnereot (37 CFR 41.37(e)), to<br>I within the time period set forth in 3 | o avoid dismissal of th<br>37 CFR 41.37(a). | ie appeai. Since      |  |  |  |  |
| AMENDMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                 |                                             |                       |  |  |  |  |
| The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because  (a) They raise new issues that would require further consideration and/or search (see NOTE below);  (b) They raise the issue of new matter (see NOTE below);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 |                                             |                       |  |  |  |  |
| (c) They are not deemed to place the application in be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                 | ducing or simplifying                       | the issues for        |  |  |  |  |
| appeal; and/or (d) They present additional claims without canceling a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                 | jected claims.                              |                       |  |  |  |  |
| NOTE: <u>See Continuation Sheet</u> . (See 37 CFR 1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                 | •                                           |                       |  |  |  |  |
| 4. The amendments are not in compliance with 37 CFR 1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                 | ompliant Amendment                          | (P1OL-324).           |  |  |  |  |
| 5. Applicant's reply has overcome the following rejection(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                 | oto time-backton                            | dmont =====!          |  |  |  |  |
| <ol> <li>Newly proposed or amended claim(s) <u>23 and 24</u> would the non-allowable claim(s).</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                 |                                             |                       |  |  |  |  |
| 7. For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is pro The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ⊠ will not be entered, or b) ☐ winded below or appended.                        | ill be entered and an                       | explanation of        |  |  |  |  |
| Claim(s) rejected:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | •                                                                               |                                             |                       |  |  |  |  |
| Claim(s) withdrawn from consideration:  AFFIDAVIT OR OTHER EVIDENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                 |                                             |                       |  |  |  |  |
| 8.  The affidavit or other evidence filed after a final action, by<br>because applicant failed to provide a showing of good an<br>was not earlier presented. See 37 CFR 1.116(e).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | nd sufficient reasons why the affida                                            | vit or other evidence i                     | is necessary and      |  |  |  |  |
| The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).                                                                                                                                                                                                                                                                                                                                                                                |                                                                                 |                                             |                       |  |  |  |  |
| 10. ☐ The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 |                                             | •                     |  |  |  |  |
| 11.   The request for reconsideration has been considered by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ut does NOT place the application i                                             | in condition for allowa                     | ance because:         |  |  |  |  |
| 12. Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s)  13. Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                 |                                             |                       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ·                                                                               |                                             |                       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                 |                                             |                       |  |  |  |  |

## **Continuation Sheet (PTO-303)**

**Application No. 10/830,084** 

Continuation of 3. NOTE: The newly presented limitations including, for example, "different obtuse angles" is a new issue not previously considered in combination with the other limitations of the claims and will require further search.

DAVID M. GRAY SUPERVISORY PATENT EXAMINER